

Converting Colors

`RYB(219, 235, 247)`

Have a look what the booklet for RYB(219, 235, 247) contains.

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Color

R_YB(219, 235, 247)

Conversions

Conversions Part 1

Format	Color
Hex	DBF7F0
RGB	219, 247, 240
RGB Percent	86%, 97%, 94%
CMY	0.1412, 0.0314, 0.0588
CMYK	0.11, 0.00, 0.03, 0.03
HSL	165°, 64%, 91%
HSV	165°, 11%, 97%
XYZ	78.2024, 87.8729, 95.2775
YIQ	237.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

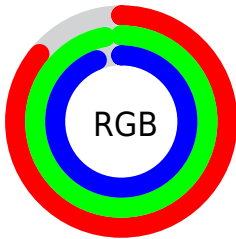
Format	Color
R _Y B	219, 235, 247
Decimal	14415856
CIE Lab	95.11, -10.39, 0.27
CIE LCh	95, 10.392, 178.522
Yxy	87.8729, 0.2992, 0.3362
Android (android.graphics.Color)	4292605936 (0xFFDBF7F0)
YUV	237.8300, 1.0698, -16.5139
Hunter-Lab	93.7405, -15.1336, 5.3562

Details

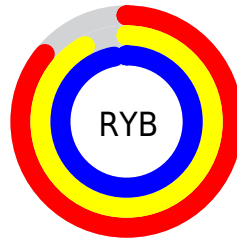
The RYB color **219, 235, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 219, 226**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 180, 191** is the 20% darker color. If you saturate the color by 10%, you get **194, 224, 247**, and if you desaturate by 10%, it is **244, 246, 247**.

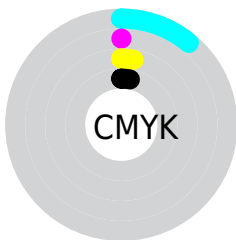
Distribution



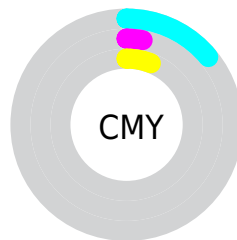
- Red (86%)
- Green (97%)
- Blue (94%)



- Red (86%)
- Yellow (92%)
- Blue (97%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (14%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 235, 247 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 219, 235, 247 by changing the saturation by 10% instead.

219, 235, 247

255, 255, 255

219, 235, 247

191, 206, 218

164, 180, 191

137, 153, 164

112, 126, 137

87, 101, 112

63, 76, 87

41, 54, 64

19, 32, 42

0, 13, 22

219, 235, 247

219, 235, 247

194, 224, 247

244, 246, 247

170, 214, 247

255, 247, 252

145, 203, 247

255, 247, 255

120, 193, 247

95, 182, 247

71, 172, 247

46, 161, 247

21, 150, 247

0, 141, 247

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 243, 246



219, 235, 247



216, 232, 250

Triad

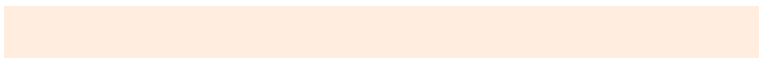
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 235, 247



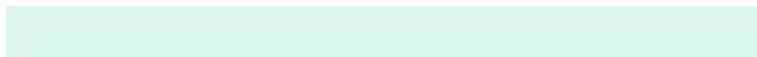
243, 239, 255



255, 246, 224

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



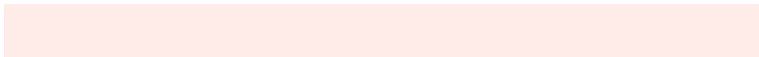
219, 235, 247



247, 219, 226

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 235, 232



219, 235, 247



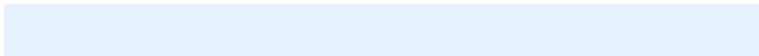
254, 236, 252

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



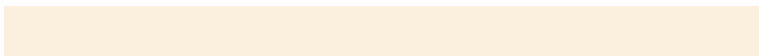
219, 235, 247



230, 238, 255



255, 234, 242



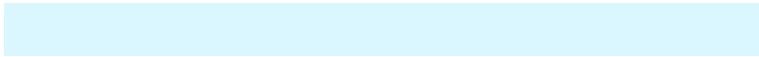
236, 250, 221

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



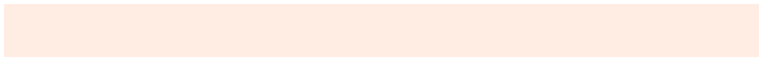
219, 235, 247



218, 234, 255



255, 234, 242



255, 241, 226

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



219, 235, 247



247, 252, 255



219, 247, 240



122, 126, 128



0, 0, 0



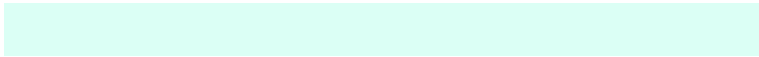
128, 128, 128

Same Dimension

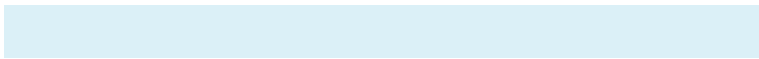
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 235, 247



219, 240, 255



219, 231, 247



110, 117, 122



0, 106, 186



0, 34, 59

Inverse Universe

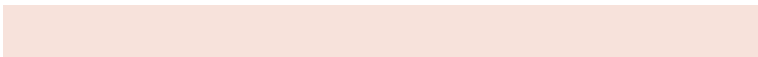
The Inverse Universe completely reimagines the original color for something new.



247, 219, 226



255, 219, 228



247, 228, 219



122, 110, 113



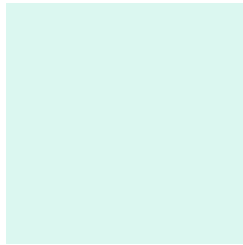
186, 0, 47



59, 0, 15

Previews

White Background



This preview shows how the RYB color 219, 235, 247 looks on a white background.

Color Contrast Check

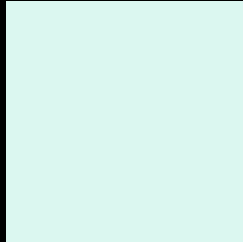
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 219, 235, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

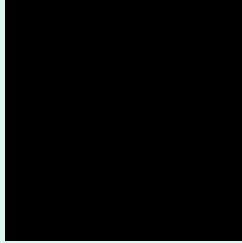
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

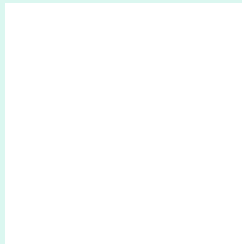
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 219, 235, 247 Background



This preview shows how black text looks on a background with the RYB color 219, 235, 247.

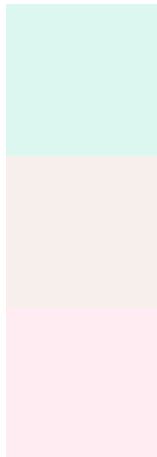


This preview shows how white text looks on a background with the RYB color 219, 235, 247.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
219, 235, 247

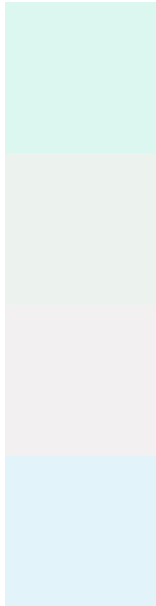
Protanopia
246, 240, 236

Deuteranopia
255, 236, 242



Tritanopia
230, 238, 255

Trichromacy



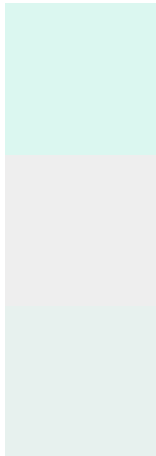
Original Color
219, 235, 247

Protanomaly
236, 241, 242

Deuteranomaly
242, 240, 241

Tritanomaly
226, 236, 250

Monochromacy



Original Color
219, 235, 247

Achromatopsia
238, 238, 238

Achromatomaly
231, 237, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 235, 247 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 247, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 247, 240) }
```

Border

The CSS property to change the border of an element to RYB 219, 235, 247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 247, 240) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 247, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 247, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 247,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 219, 235, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 247, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
247, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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